

Title (en)
PRINTING BLANKET WITH CONVEX CARRIER LAYER

Title (de)
DRUCKTUCH MIT KONVEXER TRÄGERSCHICHT

Title (fr)
BLANCHET D'IMPRIMERIE A COUCHE SUPPORT CONVEXE

Publication
EP 1644201 B2 20160706 (EN)

Application
EP 04763095 A 20040705

Priority
• EP 2004007312 W 20040705
• US 61763903 A 20030711

Abstract (en)
[origin: US2005005792A1] A printing blanket includes a carrier sleeve layer having at least one axially convex surface and a print layer disposed over the carrier sleeve layer. A blanket cylinder with a convex outer surface and a convex shim is also provided. An offset printing press is also provided.

IPC 8 full level
B41N 10/00 (2006.01); **B41F 13/193** (2006.01); **B41N 10/02** (2006.01); **B41N 10/04** (2006.01); **B41N 10/06** (2006.01)

CPC (source: EP US)
B41N 10/02 (2013.01 - EP US); **B41N 10/04** (2013.01 - EP US); **B41N 2210/02** (2013.01 - EP US); **B41N 2210/04** (2013.01 - EP US);
Y10S 428/909 (2013.01 - EP US)

Citation (opposition)
Opponent :
• EP 0659585 A1 19950628 - HEIDELBERGER DRUCKMASCH AG [DE]
• DE 2151650 A1 19730419 - MASCHF AUGSBURG NUERNBERG AG
• CH 355786 A 19610731 - WINKLER FALLERT & CO MASCHF [CH]
• CH 456649 A 19680731 - WINKLER FALLERT & CO MASCHF [CH]
• US 6374734 B1 20020423 - GAFFNEY JOHN MARSHALL [US], et al
• EP 0933200 A1 19990804 - ROLAND MAN DRUCKMASCH [DE]
• EP 1026004 A1 20000809 - ROLLIN SA [FR]
• US 3700541 A 19721024 - SHRIMPTON RONALD HORACE, et al
• US 4303721 A 19811201 - RODRIGUEZ JORGE M
• US 4042734 A 19770816 - WIGGINS RICHARD F

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005005792 A1 20050113; US 7073435 B2 20060711; AT E419127 T1 20090115; CN 100534804 C 20090902; CN 1822960 A 20060823;
DE 602004018775 D1 20090212; EP 1644201 A1 20060412; EP 1644201 B1 20081231; EP 1644201 B2 20160706; JP 2009513382 A 20090402;
JP 4838715 B2 20111214; RU 2006103987 A 20060627; RU 2357867 C2 20090610; US 2006156935 A1 20060720;
US 2011056396 A1 20110310; US 7832334 B2 20101116; US 8393270 B2 20130312; WO 2005005157 A1 20050120

DOCDB simple family (application)
US 61763903 A 20030711; AT 04763095 T 20040705; CN 200480019867 A 20040705; DE 602004018775 T 20040705;
EP 04763095 A 20040705; EP 2004007312 W 20040705; JP 2006519809 A 20040705; RU 2006103987 A 20040705; US 37601306 A 20060315;
US 94641610 A 20101115